

**85775**

CUSTOMER  
NUMBER

Docket No. 1004451.001US

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): Naoko Horikoshi Confirmation No.: 3674  
Serial No.: 10/584,393 Group Art Unit: 1645  
Filed: November 21, 2006 Examiner: Khatol S. Shahnan Shah  
For: METHOD OF MULTIPLEX MICROORGANISM DETECTION

**AMENDMENT AND RESPONSE UNDER 37 C.F.R. §1.111**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Responsive to the Non-Final Official Action dated July 28, 2010, the applicant(s) respectfully requests reconsideration in view of the following amendments and remarks.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 5 of this paper.

An **Appendix** including (1) Exhibit A - Principles of General Chemistry by Silberberg (Section on “Buffer Capacity and Buffer Range”), and (2) Exhibit B – Nilsen et al., *Applied and Environmental Microbiology* 69(5) 2975-2984, 2003 is attached following page 16 of this paper.